

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Modified) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO.

UNIFREE 97.01 CIP

SERIAL NO.

09/295

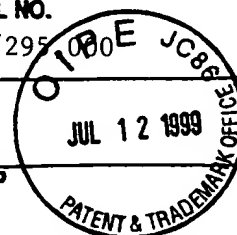
APPLICANT

REDMOND

FILING DATE

April 16, 1999

GROUP



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mm	5 2 6 2 8 7 5	11/16/93	Mincer et al	358	335	
mm	5 7 1 0 9 7 0	1/20/98	Walters et al	455	3.1	
mm	5 4 4 0 3 3 4	8/8/95	Wlaters et al	348	6	
mm	4 9 6 3 9 9 5	10/16/90	Lang	358	335	
mm	5 1 3 2 9 9 2	7/21/92	Yurt et al	375	122	
mm	5 2 5 3 2 7 5	10/12/93	Yurt et al	375	122	
mm	5 5 5 0 8 6 3	8/27/96	Yurt et al	375	240	
mm	5 4 2 0 9 4 2	5/30/95	Levit	382	276	
mm	5 6 7 5 7 3 4	10/7/97	Hair	395	200	
mm	5 1 9 1 5 7 3	3/2/93	Hair	369	84	

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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

EXAMINER

M. Marcelo

DATE CONSIDERED

03-24-2003

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APRIL 16, 1999

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

M. Marchio

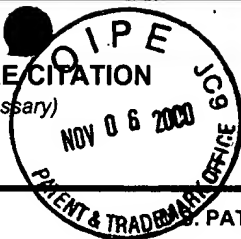
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PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mm	4,755,872	7/5/88	BESTLER ET AL.	358	86	7/29/85
mm	4,590,516	5/20/86	ABRAHAM	358	86	6/1/82
mm	4,206,316	6/3/80	BURNSWEIG ET AL.	178	66.1	1/8/79
mm	4,847,827	7/11/89	HAYASHI ET AL.	369	284	6/28/88
mm	4,763,191	8/9/88	GORDON ET AL.	358	86	3/17/86
mm	4,578,535	3/25/86	SIMMONS	179	2 DP	5/8/84
mm	4,659,876	4/21/87	SULLIVAN ET AL.	379	96	8/30/83
mm	4,949,187	8/14/90	COHEN	358	335	12/16/88
mm	4,847,677	7/11/89	MUSIC ET AL.	358	13	4/27/88
mm	4,506,387	3/19/85	WALTER	455	612	5/25/83
mm	4,295,154	10/13/81	HATA ET AL.	358	4	8/3/79

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

m. marab

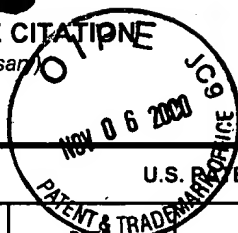
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mm	4,528,589	7/9/85	BLOCK ET AL.	358	122	2/1/84
mm	4,750,036	6/7/88	MARTINEZ	358	147	5/14/86
mm	4,689,683	8/25/87	EFRON	358	185	3/18/86
mm	4,661,952	4/28/87	VON SICHART ET AL.	370	94	10/4/85
mm	4,009,346	2/22/77	PARKER ET AL.	179	15 AQ	12/30/74
mm	4,009,344	2/22/77	FLEMMING	179	15 BS	12/30/74
mm	4,679,079	7/7/87	CATROS ET AL.	358	135	3/29/85
mm	4,688,246	8/18/87	EILERS ET AL.	380	9	12/20/85
mm	4,734,765	3/29/88	OKADA ET AL.	358	102	12/1/78
mm	4,763,191	8/9/88	GORDON ET AL.	358	86	3/17/86
mm	4,785,349	11/15/88	KEITH ET AL.	358	136	10/5/87

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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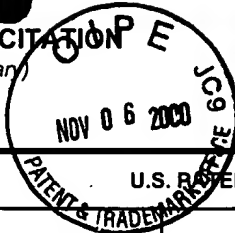
m. Marab

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mm	4,400,717	8/23/83	SOUTHWORTH ET AL.	358	13	4/21/81
mm	4,914,508	4/3/90	MUSIC ET AL.	358	13	4/27/88
mm	4,807,023	2/21/89	BESTLER ET AL.	358	86	7/29/85
mm	4,450,477	5/22/84	LOVETT	358	86	3/31/82
mm	4,937,821	6/26/90	BOULTON	370	124	1/27/87
mm	4,947,244	8/7/90	FENWICK ET AL.	358	86	5/3/89
mm	4,949,169	8/14/90	LUMELSKY ET AL.	358	86	10/27/89
mm	4,907,081	3/6/90	OKAMURA ET AL.	358	133	4/22/88
mm	4,890,320	12/26/89	MONSLOW ET AL.	380	10	6/9/88
mm	4,833,710	5/23/89	HIRASHIMA	380	20	12/3/87
mm	4,538,176	8/27/85	NAKAJIMA ET AL.	358	86	11/26/79

FOREIGN PATENT DOCUMENTS

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EXAMINER

An. Maval

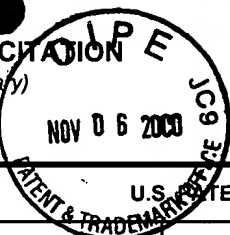
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
dm	4,789,863	12/6/88	BUSH	340	825.350	1/13/88
mn	4,521,806	6/4/85	ABRAHAM	358	86	8/19/82
mn	4,567,359	1/28/86	LOCKWOOD	235	381	5/24/84
dm	4,647,989	3/3/87	GEDDES	360	55	3/18/83
dm	4,760,442	7/26/88	O'CONNELL ET AL.	358	86	7/10/85
dm	4,764,870	8/16/88	HASKIN	364	415	8/11/87
mn	4,518,989	5/21/85	YABIKI ET AL.	358	86	9/30/82
mn	4,792,849	12/20/88	MCCALLEY ET AL.	358	86	8/4/87
dm	4,703,348	10/27/87	YUASA ET AL.	358	133	4/24/85
dm	4,748,511	5/31/88	NICHOLS ET AL.	358	256	6/7/84
dm	4,665,516	5/12/87	MIDDLETON ET AL.	370	76	9/7/84

FOREIGN PATENT DOCUMENTS

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EXAMINER

M. Morale

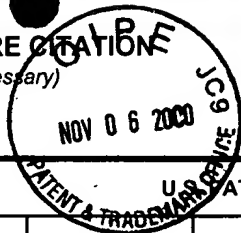
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mm	4,769,833	9/6/88	FARLEIGH ET AL.	379	105	3/31/86
mm	4,920,432	4/24/90	EGGERS ET AL.	360	33.1	1/12/88
mm	4,714,989	12/22/87	BILLINGS	364	200	10/20/86
mm	4,736,407	4/5/88	DUMAS	379	96	1/8/87
mm	4,868,653	9/19/89	GOLIN ET AL.	358	133	10/5/87
mm	5,057,932	10/15/91	LANG	358	335	5/5/89
mm	5,164,839	11/17/92	LANG	358	335	10/11/91
mm	5,890,129	3/30/99	SPURGEON	705	4	5/30/97
mm	5,884,312	3/16/99	DUSTAN ET AL.	707	10	2/28/97
mm	5,881,232	3/9/99	CHENG ET AL.	395	200.47	7/23/96
mm	5,859,972	1/12/99	SUBRAMANIAM ET AL.	395	200.33	5/10/96

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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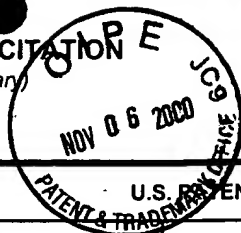
M. Maralo

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FILING DATE APRIL 16, 1999		GROUP 2731

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>mn</i>	5,826,261	10/20/98	SPENCER	707	5	5/10/96
<i>mn</i>	5,247,664	9/21/93	THOMPSON ET AL.	395	600	3/28/91
<i>mn</i>	5,036,518	7/30/91	TSEUNG	371	32	11/2/88
<i>mn</i>	5,077,830	12/31/91	MALLIA	455	58	6/7/90
<i>mn</i>	5,778,187	7/7/98	MONTEIRO ET AL.	395	200.61	5/9/96
<i>mn</i>	5,727,002	3/10/98	MILLER ET AL.	371	32	1/16/96
<i>mn</i>	5,841,979	11/24/98	SCHULHOF ET AL.	395	200.67	5/7/96
<i>mn</i>	5,014,267	5/7/91	TOMPKINS ET AL.	370	62	4/6/89
<i>mn</i>	5,557,320	9/17/96	KREBS	348	12	1/31/95
<i>mn</i>	5,550,577	8/27/96	VERBIEST ET AL.	348	7	5/19/94
<i>mn</i>	5,805,804	9/8/98	LAURSEN ET AL.	395	200.02	3/12/97

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

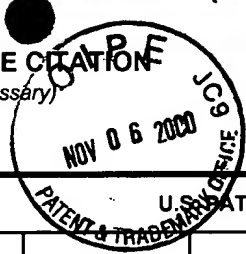
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U.S. PATENT DOCUMENTS

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<i>cr m</i>	5,583,561	12/10/96	BAKER ET AL.	348	7	6/7/94
<i>dr r</i>	5,832,499	11/3/98	GUSTMAN	707	103	7/10/96
<i>dr m</i>	5,966,440	10/12/99	HAIR	380	4	6/6/95
<i>dr m</i>	5,130,792	7/14/92	TINDELL ET AL.	358	85	2/1/90
<i>dr m</i>	5,809,145	9/15/98	SLIK ET AL.	380	25	6/28/96
<i>dr m</i>	5,032,927	7/16/91	WATANABE ET AL.	358	335	3/1/89
<i>dr m</i>	5,734,781	3/31/98	CANTONE	386	46	10/2/95
<i>dr m</i>	5,608,448	3/4/97	SMORAL ET AL.	348	7	4/10/95
<i>dr m</i>	5,818,512	10/6/98	FULLER	348	8	4/4/97
<i>dr m</i>	5,606,359	2/25/97	YOU DEN ET AL.	348	7	6/30/94
<i>dr m</i>	5,133,079	7/21/92	BALLANTYNE ET AL.	455	4.1	8/28/90

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						YES	NO

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EXAMINER

Mr. Masaki

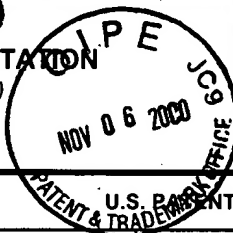
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2731

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mn	5,195,092	3/16/93	WILSON ET AL.	370	94.2	8/30/91
mn	5,093,718	3/3/92	HOARTY ET AL.	358	84	9/28/90

FOREIGN PATENT DOCUMENTS

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EXAMINER

m. Mural

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